

10 frames are mutually pivotable and translatable in the said main plane along a predetermined pole path fixed by said coupling means.

P1
4. (Thrice Amended) The frame as claimed in claim [3] 1, wherein the frame moves in accordance with the predetermined pole path fixed by the coupling means.

P2
5. (Twice Amended) The frame as claimed in claim [3] 4, wherein the pole path is substantially straight.

6. (Twice Amended) The frame as claimed in claim [3] 4, wherein the pole path extends substantially horizontally.

P3
8. (Twice Amended) The frame as claimed in claim [3] 4, wherein at constant relative angular speed of the sub-frames the speed of the pole along the pole path increases from the starting position to the end position.

Add new claims 19-30 as follows:

--19. A frame for a sporting device for coupling to a shoe which frame comprises an upper sub-frame having a first rigid link with means for coupling to the shoe to be worn by a user, a lower sub-frame having a second rigid link which is coupled via a plurality of interconnected links to said first rigid link defining a linkage for motion in a main plane and upon which wheels or runners may be secured, and resetting

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spring means for urging both sub-frames toward each other;
wherein the sub-frames are mutually pivotable and translatable
relative to one another in the said main plane along a
predetermined pole path fixed by the linkage.

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20. The frame as claimed in claim ¹⁹, wherein the
sub-frames form part of a mechanism comprising at least four
rods interconnecting said upper sub-frame and said lower sub-
frame permitting pivotal and translational motion between said
sub-frames.
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21. The frame as claimed in claim ¹⁹, wherein the
frame has only one degree of freedom.

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22. The frame as claimed in claim ¹⁹, wherein the
frame moves in accordance with the predetermined pole path
fixed by the coupling means.

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23. The frame as claimed in claim ²², wherein the
pole path is substantially straight.

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24. The frame as claimed in claim ²², wherein the
pole path extends substantially horizontally.

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25. The frame as claimed in claim ²², wherein the
pole path extends between a starting position under the ball
of the foot of a user in the rest position of the frame, and

an end position under the big toe of the user in the extreme
5 outward pivoted position of the frame.

b94 ~~26~~ 26. The frame as claimed in claim ~~22~~, wherein at constant relative angular speed of the sub-frames the speed of the pole along the pole path increases from the starting position to the end position.

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b94 ~~26~~ 27. The frame as claimed in claim ~~22~~, wherein a frame is a member of the family in accordance with one of the configurations from the table below, in which the first number designates the number of rods, p1 designates the number of connections with one degree of freedom, p2 designates the number of connections with two degrees of freedom and # designates the presence of a well-defined pole path and therewith the suitability for a sporting device with foot bending:

10	Family/member	Figure	p1	p2	suitable
15	2 / 1	8	0	2	#
	3 / 1	9	2	1	
	3 / 2	10	1	1	
	3 / 3	11	0	1	
	4 / 1	12	4	0	#
	4 / 2	13	4	0	#
	4 / 3	14	3	2	#
	4 / 4	15	2	4	#
	4 / 5	16	1	6	#
	4 / 6	17	0	8	#
25	5 / 1	18	5	1	#
	5 / 2	19	4	3	#
	5 / 3	20	3	5	#
	5 / 4	21	2	7	#
	5 / 5	22	1	9	#
	5 / 6	23	0	11	#
	6 / 1	24	7	0	#
	6 / 2	25	6	2	#
	6 / 3	26	5	4	#
	6 / 4	27	4	6	#
30	6 / 5	28	3	8	#
	6 / 6	29	2	10	#
	6 / 7	30	1	12	#
	6 / 8	31	0	14	# ()

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 28. The frame as claimed in claim 27, wherein the
 frame comprises between seven and ten pivot axes.